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PTO-1390 (Rev. 02-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER GOUD:059US ,\_\_

|   | ERNING A SUBMISSIC  | U.S. APPL CATION NO (I Known, leed CFR 1.5)   |  |  |  |  |  |  |  |
|---|---|---|--|--|--|--|--|--|--|
| INTERNATIONAL APPLICATION NO.<br>PCT/CA2003/001429  |   | INTERNATIONAL FILING DATE September 19, 2003  | PRIORITY DATE CLAIMED September 20, 2002 |  |  |  |  |  |  |
| TITLE OF INVENTION  |   |   |  |  |  |  |  |  |  |
| AN ANALYZER FOR THE SIMULTANEOUS ENZYMATIC DETECTION OF CLOSELY RELATED ANALYTES  APPLICANT(S) FOR DO/EO/US                     |   |   |  |  |  |  |  |  |  |
| Pierre Douville, François Rousseau, Jean-Claude Forest  |   |   |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |   |   |  |  |  |  |  |  |  |
| 1. L This   | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  |   |  |  |  |  |  |  |  |
| 2. L This   | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |   |  |  |  |  |  |  |  |
|   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.   |   |  |  |  |  |  |  |  |
| 4. 🗹 The  | US has been elected (Article 31).   | ,   |  |  |  |  |  |  |  |
| 5. 🗹 A  | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |   |  |  |  |  |  |  |  |
| a.  | a. is attached hereto (required only if not communicated by the International Bureau).  |   |  |  |  |  |  |  |  |
| b.  | b.  has been communicated by the International Bureau.  |   |  |  |  |  |  |  |  |
| · 6.  | c. is not required, as the application was filed in the United States Receiving Office (RO/US).   |   |  |  |  |  |  |  |  |
| 6. 🔲 Ar   | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |  |  |  |  |  |  |  |
| a.  | is attached hereto.   |   | ·  |  |  |  |  |  |  |
| b.  | has been previously submit  | tted under 35 U.S.C. 154(d)(4).               |  |  |  |  |  |  |  |
| 7. L An   | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |   |  |  |  |  |  |  |  |
| a.  | a. are attached hereto (required only if not communicated by the International Bureau).   |   |  |  |  |  |  |  |  |
| b.  |   | by the International Bureau.                  | •  |  |  |  |  |  |  |
| C.  | F-1 .   | ever, the time limit for making such amendm   | ents has NOT expired.                    |  |  |  |  |  |  |
| d.  |   |   |  |  |  |  |  |  |  |
|   | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |  |  |  |  |  |  |  |
|   | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  An English language translation of the annexes of the International Preliminary Examination Report under PCT  |   |  |  |  |  |  |  |  |
|   | ticle 36 (35 U.S.C. 371(c)(5)).   | e annexes of the international Preliminary Ex | kamination Report under PC1              |  |  |  |  |  |  |
| Items 11 t  | to 20 below concern document(s  | ) or information included:                    |  |  |  |  |  |  |  |
| 11. 🗹 An  | Information Disclosure Statement  | under 37 CFR 1.97 and 1.98.                   |  |  |  |  |  |  |  |
| 12 An   | assignment document for recording   | g. A separate cover sheet in compliance wit   | h 37 CFR 3.28 and 3.31 is included.      |  |  |  |  |  |  |
| 13. 🗹 A p   | oreliminary amendment.  |   |  |  |  |  |  |  |  |
| 14. 🗹 . An  | Application Data Sheet under 37 (   | CFR 1.76.                                     | ·  |  |  |  |  |  |  |
| 15. L A s   | substitute specification.   |   |  |  |  |  |  |  |  |
| 16. L A p   | power of attorney and/or change of  | address letter.                               |  |  |  |  |  |  |  |
| 17. 🔲 A d   | computer-readable form of the sequ  | uence listing in accordance with PCT Rule 1   | 3ter.2 and 37 CFR 1.821- 1.825.          |  |  |  |  |  |  |
| 18. 🔲 A s   | A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |  |
|   | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).  1) PCT Request; 2) PCT/IB/308; 3) PCT Publication WO 2004/027083 A3; 4) PCT/IB/304; 5) WRITTEN OPINION; 6) DEMAND; 7) IPER; 8)  Other items or information: PCT/ISA/220 & 210; 9) Amendment and Response to the Written Opinion; 10) Return Receipt Postcard |   |  |  |  |  |  |  |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.  |  |                                |   | ATTORNEY'S DOCKET NUMBER |                       |    |  |  |  |
|--|--|--------------------------------|---|--------------------------|-----------------------|----|--|--|--|
| 1  | 0/52   | GOUD:059US                     |   |                          |                       |    |  |  |  |
| The foli   | owing fees have t  | CALCULATIONS                   | PTO USE ONLY                                      |                          |                       |    |  |  |  |
| 21. 🗹 Basic national fee   |  |                                |   | \$300                    | \$ 300.00             |    |  |  |  |
| If International property of the PCT Article 33  | nination fee<br>reliminary examin<br>3(1)-(4)                              | \$ 200.00                      |   |                          |                       |    |  |  |  |
| Search fee (37 C<br>Internatio<br>International Sea  | rch fee<br>FR 1.445(a)(2)) h<br>nal Searching Au<br>rch Report prepar<br>s | \$ 400.00                      |   |                          |                       |    |  |  |  |
|  | TOTAL OF 21, 2   | \$                             |   |                          |                       |    |  |  |  |
| sequence lis   | e for specification<br>sting or computer<br><b>250</b> for each addi       |                                |   |                          |                       |    |  |  |  |
| Total Sheets   | Extra Sheets   |                                | additional 50 or fraction<br>p to a whole number) | RATE                     |                       |    |  |  |  |
| 56 - 100 =   | 0 /50 =  |                                | 0   | x \$250                  | \$ 0                  |    |  |  |  |
| Surcharge of \$13  | 0.00 for furnishing<br>ate (37 CFR 1.49                                    | \$                             |   |                          |                       |    |  |  |  |
| CLAIMS   | NUME   | NUMBER FILED NUMBER EXTRA RATE |   | RATE                     | \$                    |    |  |  |  |
| Total claims   |  | 45 - 20 =                      | 25  | x \$50                   | \$ 1250.00            |    |  |  |  |
| Independent clair  | ms   | 3 -3=                          | 0   | × \$200                  | \$ 0                  |    |  |  |  |
| MULTIPLE DEPE  | ENDENT CLAIM(S   | S) (if applicable)             | · · · · · · · · · · · · · · · · · · ·             | + \$360                  | \$ 0                  |    |  |  |  |
|  |  |                                | TOTAL OF ABOVE                                    | CALCULATIONS =           | \$ 2150.00            |    |  |  |  |
| Applicant cla  | ims small entity s   | 1075.00                        |   |                          |                       |    |  |  |  |
|  |  |                                |   | SUBTOTAL =               | \$ 1075.00            |    |  |  |  |
| _  | f <b>\$130.00</b> for furni<br>ate (37 CFR 1.49                            | \$ 0                           |   |                          |                       |    |  |  |  |
|  |  | \$                             |   |                          |                       |    |  |  |  |
|  | the enclosed ass<br>cover sheet (37  | \$ 0 .                         |   |                          |                       |    |  |  |  |
|  |  | \$                             |   |                          |                       |    |  |  |  |
|  | <u>, , , , , , , , , , , , , , , , , , , </u>                              | Amount to be refunded:         | \$  |                          |                       |    |  |  |  |
|  |  |                                |   |                          | Amount to be charged: | \$ |  |  |  |
| a. A check in the amount of \$ 1075.00 to cover the above fees is enclosed.  |  |                                |   |                          |                       |    |  |  |  |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.   |  |                                |   |                          |                       |    |  |  |  |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1212 A duplicate copy of this sheet is enclosed. IF CHECK IS MISSING OR INSUFFICIENT |  |                                |   |                          |                       |    |  |  |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.           |  |                                |   |                          |                       |    |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.                         |  |                                |   |                          |                       |    |  |  |  |
|  | RESPONDENCE  | Mhummy                         |   |                          |                       |    |  |  |  |
| CUSTOMER NO  | . 48064  | 14 VIVINA                      |   |                          |                       |    |  |  |  |
|  |  | wzsenek                        |   |                          |                       |    |  |  |  |
| EXPRESS MAIL<br>MAILING DATE:  | NO: EV4148368<br>March 18, 2005  |                                |   |                          |                       |    |  |  |  |
|  |  | ON NUMBER                      |   |                          |                       |    |  |  |  |